NC/QC/PYZ/2017-18/A-W1 Date: 18-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**96.60**	95-100
26.50	**---**	-
22.40	**71.00**	60-80
11.20	**42.80**	40-60
4.75	**37.40**	25-40
2.36	**22.30**	15-30
0.600	**16.10**	8-22
0.075	**4.50**	0-5

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

Asst. Executive Engineer
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Yelahanka Zone
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For Newzen Consultants Bangalore

Proprietor

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Newzen Consultants Bangalore

Date: 18-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part-I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.46 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**26.91 %**	Not more than 35.0 %
3.	Water absorption, %	**0.36 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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NC/QC/PYZ/2017-18/A-W2

Date: 18-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**98.15**	95-100
26.50	**---**	-
22.40	**74.60**	60-80
11.20	**41.05**	40-60
4.75	**32.30**	25-40
2.36	**19.85**	15-30
0.600	**14.00**	8-22
0.075	**2.65**	0-5

*As Furnished by Client
The Results relate only to the items tested

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Newzen Consultants Bangalore

Date: 18-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.30 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**25.75 %**	Not more than 35.0 %
3.	Water absorption, %	**0.35 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W3

Date: 18-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**97.15**	95-100
26.50	**---**	-
22.40	**74.30**	60-80
11.20	**40.90**	40-60
4.75	**36.65**	25-40
2.36	**22.00**	15-30
0.600	**15.70**	8-22
0.075	**2.40**	0-5

*As Furnished by Client

The Results relate only to the items tested

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Newzen Consultants Bangalore

Date: 18-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**24.96 %**	Not more than 30.00 %
2.	Combined Flakiness and -Elongation index, %	**27.35**	Not more than 35.0 %
3.	Water absorption, %	**0.36 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W4

Date: 18-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**95.20**	95-100
26.50	**---**	-
22.40	**78.55**	60-80
11.20	**51.00**	40-60
4.75	**35.10**	25-40
2.36	**22.85**	15-30
0.600	**10.40**	8-22
0.075	**3.15**	0-5

*As Furnished by Client
The Results relate only to the items tested

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Newzen Consultants Bangalore

Date: 18-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**26.78 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**25.29 %**	Not more than 35.0 %
3.	Water absorption, %	**0.36 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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NC/QC/PYZ/2017-18/A-W5 Date: 18-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**95.80**	95-100
26.50	---	-
22.40	**73.00**	60-80
11.20	**46.50**	40-60
4.75	**32.00**	25-40
2.36	**23.70**	15-30
0.600	**14.20**	8-22
0.075	**4.10**	0-5

*As Furnished by Client
The Results relate only to the items tested

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Date: 18-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**24.10 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**27.60 %**	Not more than 35.0 %
3.	Water absorption, %	**0.37 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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NC/QC/PYZ/2017-18/A-W6 Date: 19-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**96.50**	95-100
26.50	**---**	-
22.40	**73.80**	60-80
11.20	**56.10**	40-60
4.75	**39.00**	25-40
2.36	**24.20**	15-30
0.600	**17.30**	8-22
0.075	**1.10**	0-5

*As Furnished by Client
The Results relate only to the items tested

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Date: 19-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**26.80 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.60**	Not more than 35.0 %
3.	Water absorption, %	**0.35 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W7

Date: 19-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**98.40**	95-100
26.50	---	-
22.40	**76.80**	60-80
11.20	**44.30**	40-60
4.75	**36.40**	25-40
2.36	**23.90**	15-30
0.600	**17.20**	8-22
0.075	**5.10**	0-5

*As Furnished by Client
The Results relate only to the items tested

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Date: 19-08-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**26.84 %**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**25.04 %**	Not more than 35.0 %
3.	Water absorption, %	**0.34 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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NC/QC/PYZ/2017-18/A-W8 Date: 19-08-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to cross roads at Agrahara layout instead of Kogilu layout in ward no 05.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s Executive Engineer – 4,
KRIDL, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**98.10**	95-100
26.50	**---**	-
22.40	**67.30**	60-80
11.20	**46.40**	40-60
4.75	**34.70**	25-40
2.36	**23.30**	15-30
0.600	**18.80**	8-22
0.075	**1.10**	0-5

*As Furnished by Client
The Results relate only to the items tested

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